

FIG. 1

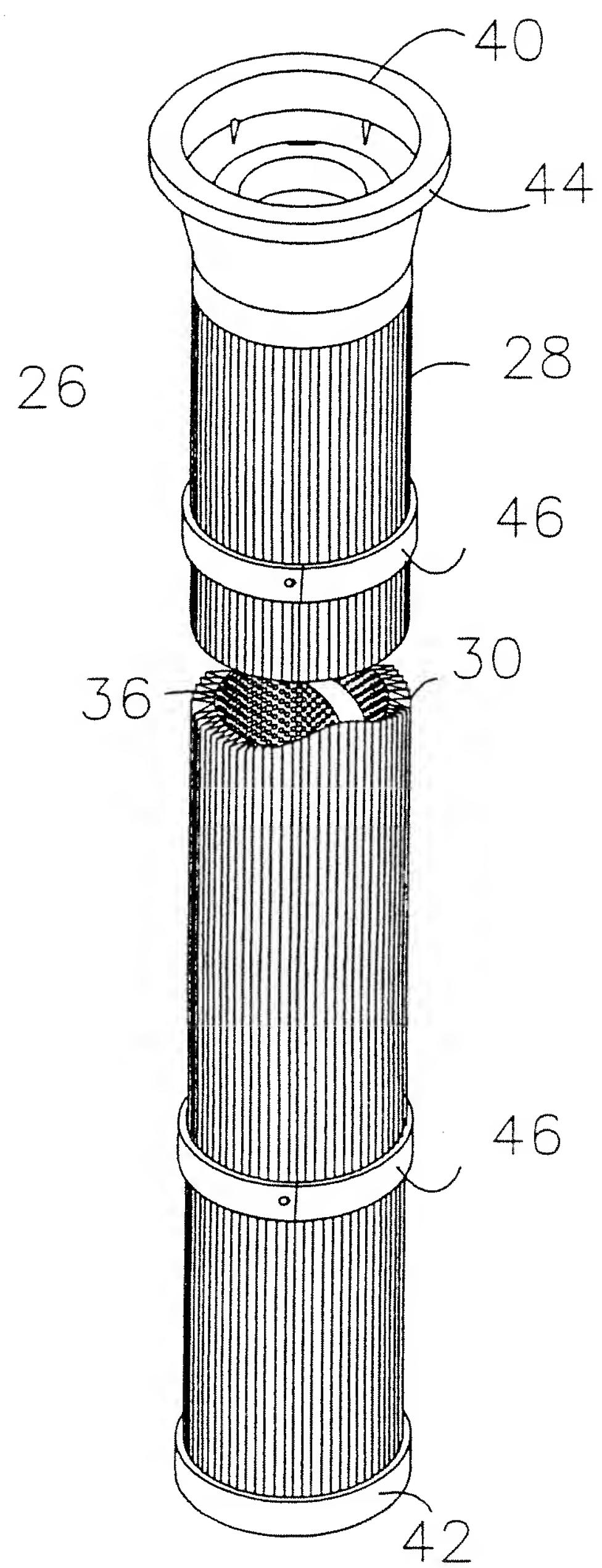


FIG. 2

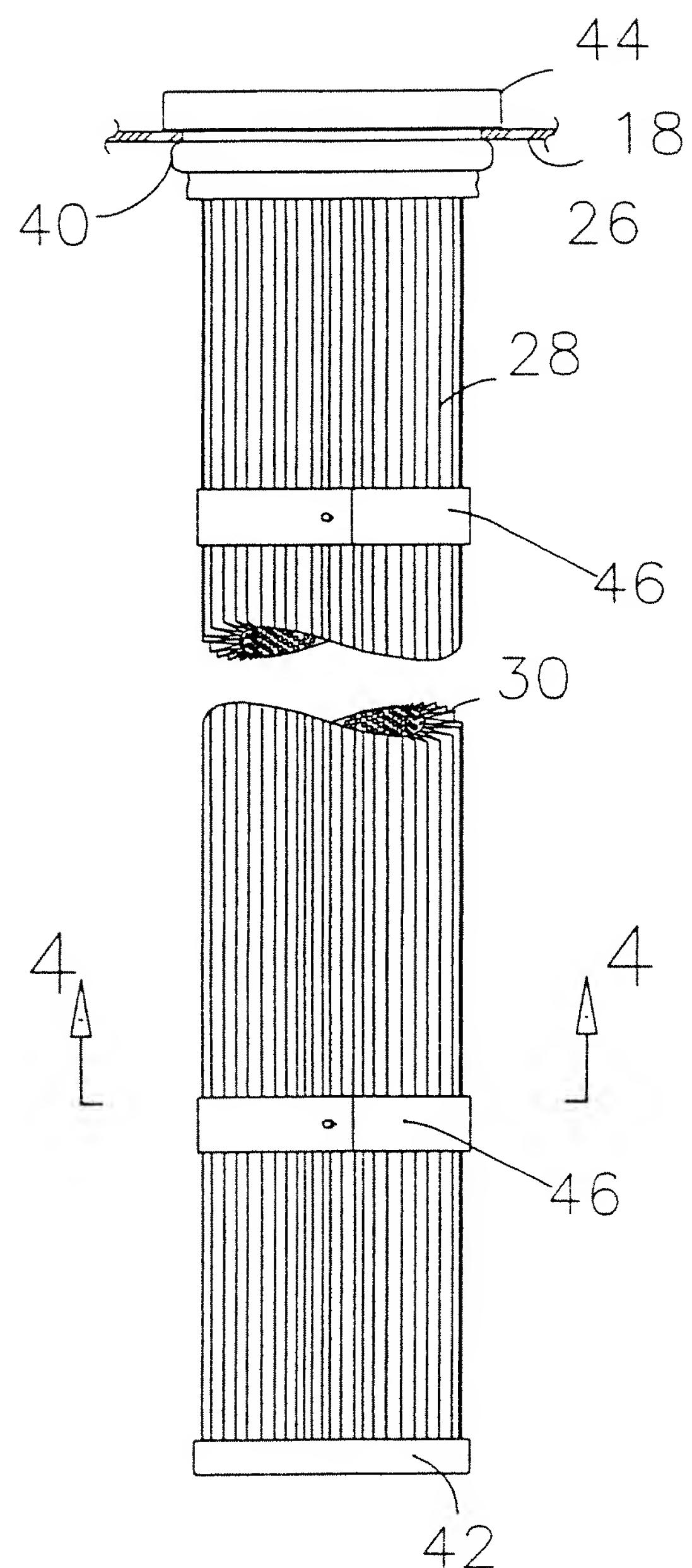


FIG. 3

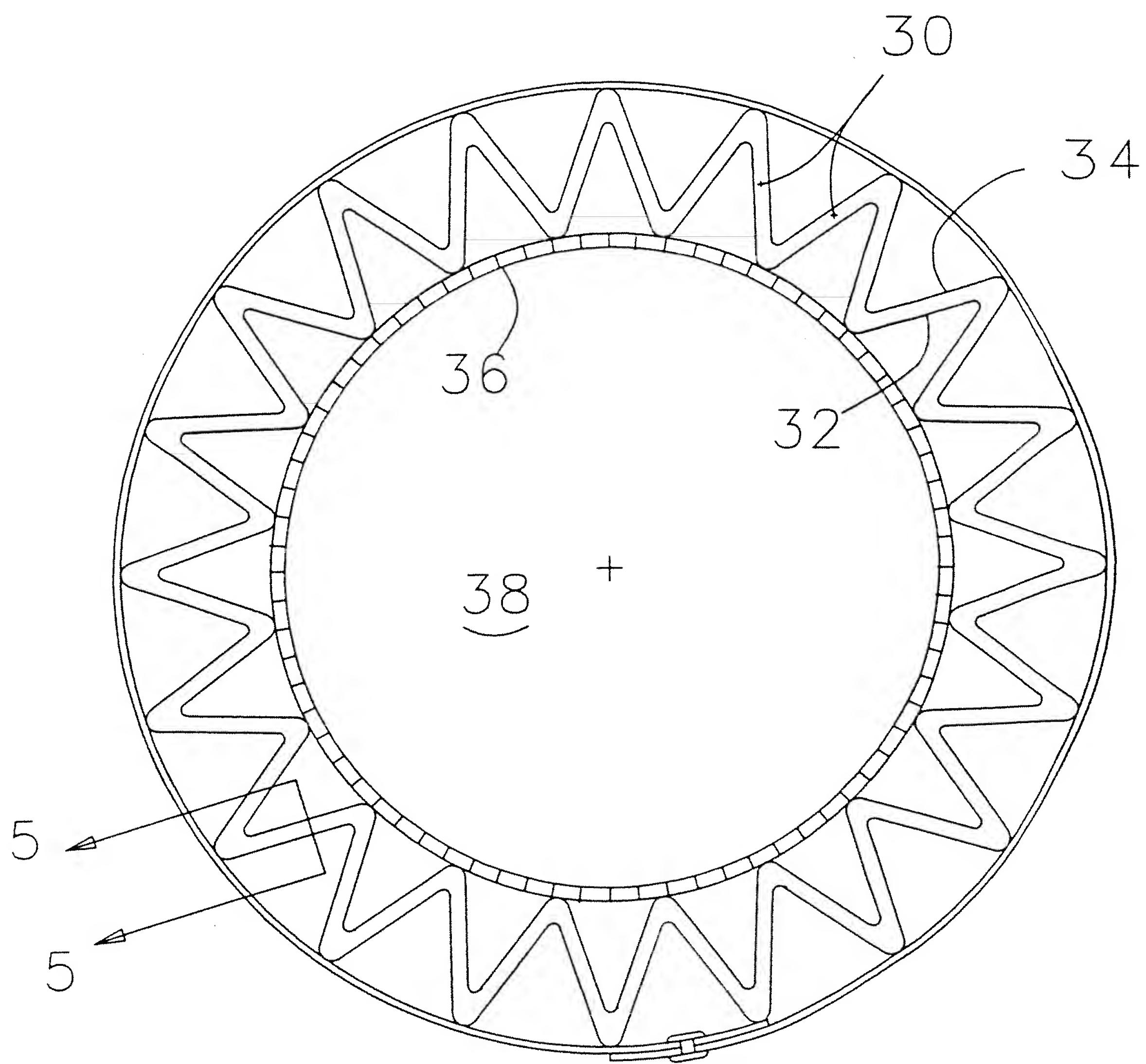


FIG. 4



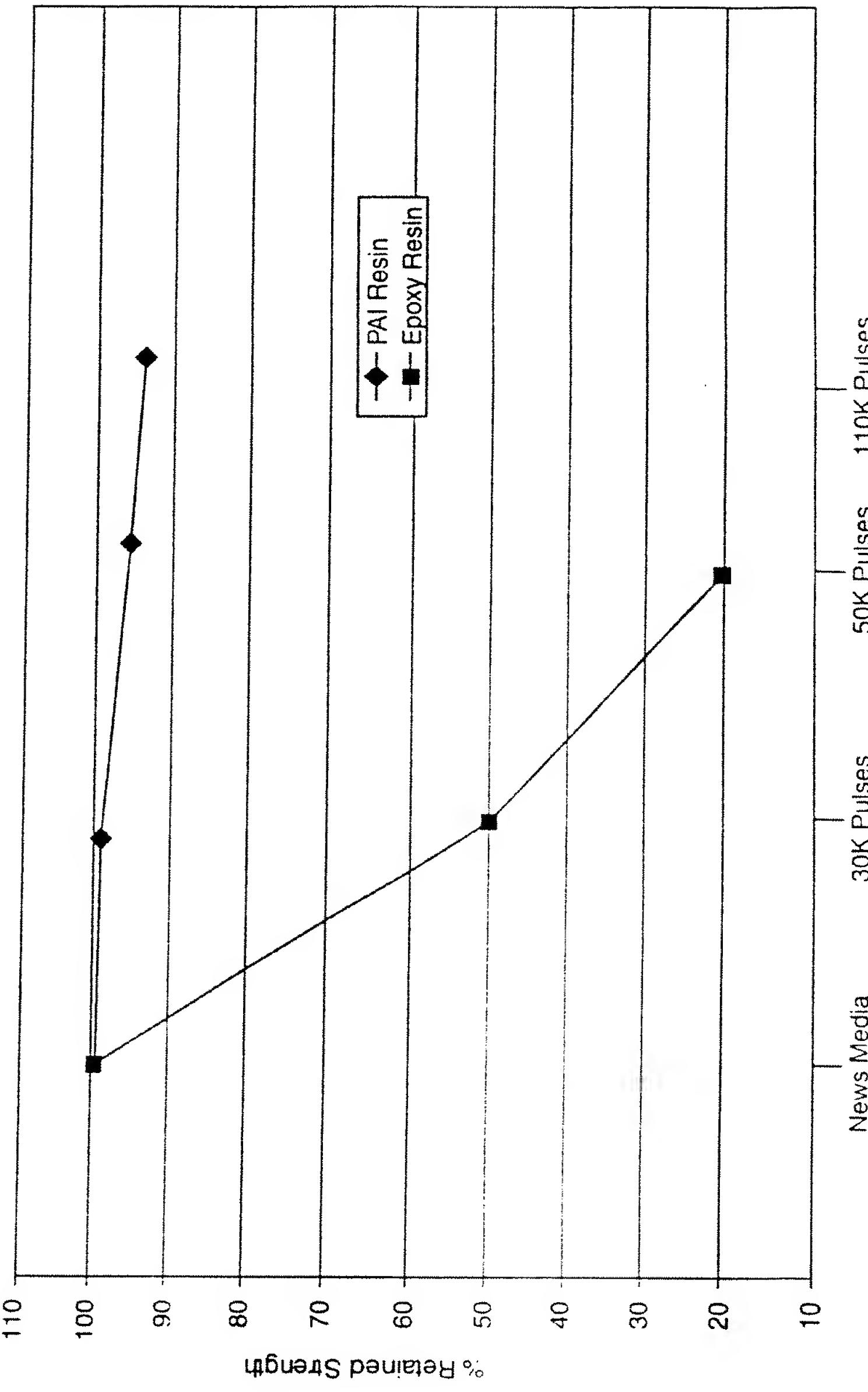
FIG. 5



FIG. 6

**Fig. 7**

Combined Average MD and XMD Retained Tensile Strength of PAI Resin Treated Aramid  
Versus Epoxy Resin Treatment Aramid

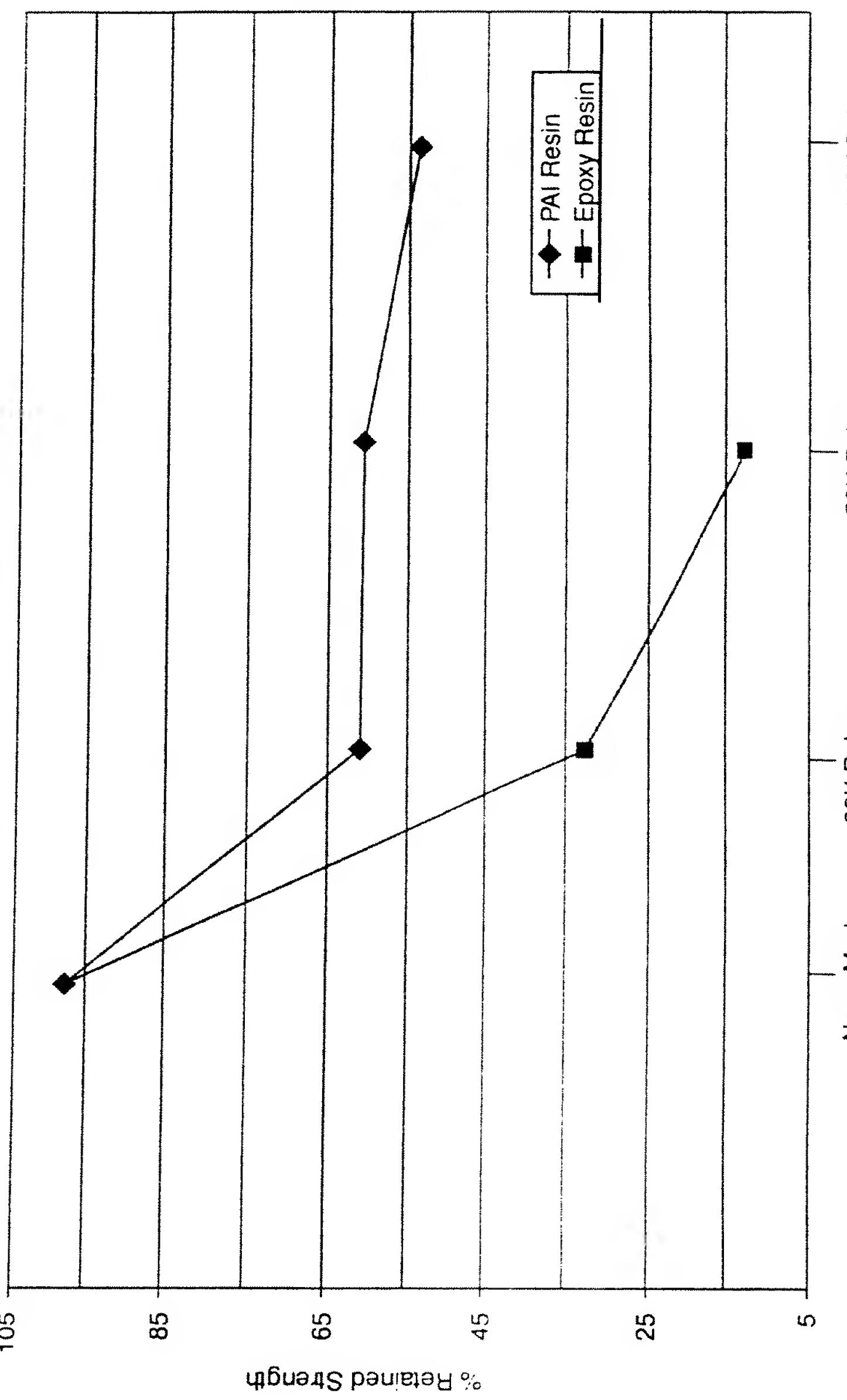


Note Epoxy resin treated substrate experienced complete filter failure prior to 110,000 pulses

Number of Pulses at 60psi in BEST tester

# Fig. 8

Combined Average MD and XMD Retained Tear Strength of PAI Resin Treated Aramid  
Versus Epoxy Resin Treated Aramid



Note. Epoxy resin substrate experienced complete filter failure prior to 110,000 pulses  
Number of Pulses at 60psi in BEST tester